

What is claimed is:

1. Process for the manufacture of a modified lupin protein, which comprises adjusting an aqueous solution or suspension of lupin proteins of native origin having a dry mass content of from 0,1 to 20 % to pH 3 to 9, adding 0,01 to 10 % by weight of a protease, in relation to the dry weight of the lupin protein, incubating the protein solution or suspension at a temperature of from 5 to 70 °C until a degree of hydrolysis of from 1 to 30 % is obtained, and inactivating the protease.
2. A process according to claim 1, wherein the pH of the solution or suspension is adjusted to pH 4 to 8, the amount of protease added is 0,1 to 1 %, and the enzymatic hydrolysis is effected at 20 to 55 °C.
3. A process according to claims 1 or 2, wherein the enzymatic hydrolysis is effected to a degree of hydrolysis of from 1 to 10 %.
4. A process according to any one of claims 1 to 3, wherein a protease having endo-activity is used.
5. A process according to any one of claims 1 to 3, wherein a protease having exo-activity is used.
6. A process according to any one of claims 1 to 3, wherein a protease from bacteria or fungi is used.
7. A process according to any of the preceding claims, wherein the modified lupin protein, after the protease has been inactivated, is brought into a solid form by centrifugation or ultrafiltration, optionally after a fractionation step.

8. Process for the manufacture of a modified lupin protein, which comprises adjusting an aqueous solution or suspension of lupin proteins of native origin having a dry mass content of from 0,1 to 20 % to pH 3 to 9, fractionating the solutions or suspension by centrifugation or ultrafiltration, and converting the protein solution into a solid form.
9. Modified lupin proteins obtainable according to the process of any one of claim 1-8.
10. Composition, comprising a modified lupin protein according to any one of claims 1-9, and a fat-soluble active ingredient or colorant, and, optionally, adjuvants and/or excipients.
11. A composition as in claim 10 wherein the fat soluble active ingredient or colorant is a carotenoid, a fat soluble vitamin, a triglyceride, an oil soluble UV-A or UV-B filter or a mixture thereof.
12. A composition as in claim 11 wherein the carotenoid is α - or β -carotene, 8'-apo- β -carotenal, 8'-apo- β -carotenoic acid ethyl ester, canthaxanthin, astaxanthin, lycopene, lutein, zeaxanthin or crocetin or mixtures thereof.
13. A composition as in claim 11 wherein the fat soluble vitamin is Vitamin A, D, E or K.
14. A composition as in any one of claims 9-13 wherein at least one of a mono- di-, oligo- or polysaccharide, a triglyceride, a water-soluble anti-oxidant, a fat-soluble anti-oxidant, silicic acid and water is additionally present.
15. A composition as in claim 14 wherein the mono- or disaccharide is saccharose, invert sugar, glucose, fructose, lactose or maltose and the composition optionally contains glycerol in addition.
16. A composition as in claim 14 wherein the polysaccharide is a starch or a starch hydrolysate and /or the triglyceride is a vegetable oil or fat.

17. A composition as in claim 16 wherein the starch hydrolysate is a dextrin or a maltodextrin (in the range of 5-65 dextrose equivalents) or a glucose syrup (in the range of 20-95 dextrose equivalents).
18. A composition as in any one of claims 10-17 wherein the amount of modified lupin protein is from about 0.5 to about 60.0 wt.-% and the amount of fat soluble active ingredient or colorant is from about 0.1 to about 80.0 wt.-%.
19. A process for the preparation of a composition as claimed in any one of claims 10-18 which comprises homogenizing, in an aqueous solution or colloidal solution of the modified lupin protein and optional water-soluble excipients and adjuvants, a solution or dispersion of the fat soluble active and/or colorant and optional fat-soluble adjuvants and, if required, converting the dispersion obtained into a powder.
20. Use of a composition as claimed in any one of claims 10-18 for enrichment, fortification and/or coloration for food, beverages, animal feeds, cosmetics or drugs.
21. Food, beverages, animal feeds, cosmetics or drugs containing a composition as claimed in any one of claims 10-18.

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